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NASA Procedural Requirements

COMPLIANCE IS MANDATORY**NPR 8715.3**Effective Date: January 24,
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Subject: NASA Safety Manual w/Change 2, 03/31/04**Responsible Office: Safety & Assurance Requirements Division**

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PREFACE

P.1 PURPOSE

P.1.1 This NASA Safety Manual is the central Agency document containing procedures that define the NASA Safety Program. This document serves as a general framework to structure the more specific and detailed requirements for Headquarters, Program, and Center Directors. This document does not stand alone but rather must be used in conjunction with the references listed in paragraph P.4 below.

P.1.2 This is primarily a safety document and is not meant to provide direction to occupational health personnel or to provide guidance for occupational health activities. Some health references are included to assist Center safety personnel in interactions with the occupational health personnel. Joint occupational safety and health requirements that implement 29 CFR 1960 are specified in NPR 8715.1, "NASA Safety and Health Handbook-Occupational Safety and Health Programs."

P.1.3 To address special processes and/or discipline-unique processes, the Safety and Assurance Requirements Division publishes standards that provide specific instructions that are beyond the scope and detail of this document. A listing of applicable NASA standards can be found in paragraph P.4.

P.2 APPLICABILITY

The procedures in this document apply: (1) to all NASA organizations, elements, entities, or individuals; (2) to visitors on NASA property; (3) to all NASA equipment, property, systems, and facilities; (4) during all phases of the life cycle of systems or facilities; and (5) as specified in contract requirements.

This document is not a direct instruction to NASA contractors, but provides guidance to the responsible NASA contracting officer. It is applicable to contractors as appropriate through contract clauses in conformance with the NASA Federal Acquisition Regulation (FAR) Supplement. Non-NASA, non-contractor personnel will follow the provisions of this document when on NASA property. This document does not supersede more stringent requirements imposed by individual NASA organizations and other Federal, State, or local government agencies.

P.3 AUTHORITY

42 U.S.C. 2473(c) (1), Section 203(c)(1) of the National Aeronautics and Space Act of 1958, as amended.

5 U.S.C. Section 7902, 29 U.S.C. Sections 651 et seq., and 49 Appendix Section 1421, the Occupational Safety and Health Act of 1970 (Public Law (PL) 91-596), as amended.

Executive Order (E.O.) 12196 of February 26, 1980, Occupational Safety and Health Programs for Federal Employees.

29 CFR Part 1910, Occupational Safety and Health Standards.

29 CFR Part 1960, Basic Program Elements for Federal Employees, Occupational Safety and Health Programs and Related Matters.

NPR 1000.3, The NASA Organization, (Paragraph 4.17, Office of Safety and Mission Assurance, Code Q).

P.4 REFERENCES.

5 U.S.C. Section 7903, Protective Clothing and Equipment.

40 U. S.C. Section 619, Compliance with Nationally Recognized Codes (Section 6 (a) of P.L. 100-678, November 17, 1988), as amended.

42 U.S.C. 11001 et seq., Emergency Planning and Community Right-To-Know Act.

E.O. 113043 of April 16, 1997, Increasing Seat Belt Use in the United States.

5 CFR Parts 532, 550, Prevailing Rate Systems and Pay Administration (General).

14 CFR Part 1214.5, Mission Critical Space Systems Personnel Reliability Program.

21 CFR Part 1040, Performance Standards for Light Emitting Products.

49 CFR Parts 177, 571, Carriage by Public Highway; Federal Motor Vehicle Safety Standards.

EM 385-1-1, U.S. Army Corps of Engineers, Safety and Health Requirements.

NHS/IH-1845.3, Hazard Communication.

NHS/IH-1845.5, Occupational Exposure to Hazardous Chemicals in Laboratories.

NPD 1800.1, NASA Occupational Health Program Policy.

NPD 3810.1, Processing Claims Under the Federal Employees Compensation Act.

NPD 6000.1, Transportation Management.

NPD 7100.8, Protection of Human Research Subjects.

NPD 8070.6, Technical Standards.

NPD 8700.1, NASA Policy for Safety and Mission Success.

NPD 8710.1, Emergency Preparedness Program.

NPD 8710.2, NASA Safety and Health Program Policy.

NPD 8710.3, NASA Policy for Limiting Orbital Debris Generation.

NPD 8710.5, NASA Policy for Pressure Vessels and Pressurized Systems.

NPR 1441.1, NASA Records Retention Schedules.

NPR 8715.4, NASA Procedural Requirements for Inservice Inspection of Ground-Based Pressure Vessels and Systems.

NPR 2810.1, Security of Information Technology.

NPR 3451.1, The NASA Awards and Recognition Program.

NPR 4100.1, NASA Materials Inventory Management Manual.

NPR 4200.1, NASA Equipment Management Manual.

NPR 5100.4, Federal Acquisition Regulation Supplement (NASA/FAR Supplement).

NPR 7120.5, Program and Project Management Process and Requirements.

NPR 7900.3, Aircraft Operations Management.

NASA-STD-6001, Flammability, Odor, Off-gassing and Compatibility Requirements and Test Procedures for Materials in Environments That Support Combustion.

NPR 8621.1, NASA Procedural Requirements for Mishap Reporting, Investigation, and Recordkeeping.

NPR 8715.1, NASA Safety and Health Handbook - Occupational Safety and Health Programs.

NPR 8715.2, NASA Emergency Preparedness Program Plan Procedural Requirements.

NPR 8500.1, NASA Environmental Management.

NPR 8831.2, Facilities Maintenance Management.

NPR 8580.1, Implementating the National Environmental Policy Act and Executive Order 12114.

NASA-STD-8719.7, Facility System Safety Guidebook.

NASA-STD-8719.8, NASA ELV Payload Safety Review Process Standard.

NASA-STD-8719.9, NASA Safety Standard for Lifting Devices and Equipment.

NSS 1740.10, NASA Safety Standard for Underwater Facilities and Non-Open Water Operations.

NASA-STD-8719.11, NASA Safety Standard for Fire Protection.

NSS 1740.12, NASA Safety Standard for Explosives, Pyrotechnics, and Propellants.

NASA-STD-8719.13, NASA Software Safety Manual.

NSS 1740.14, NASA Safety Standard for Guidelines and Assessment Procedures for Limiting Orbital Debris.

NSS 1740.16, NASA Safety Standard for Hydrogen and Hydrogen Systems.

National Aeronautics and Space Administration Charter of the NASA Aerospace Safety Advisory Panel, November 18, 2003.

JSC NSTSPM Directive No. 110, Space Shuttle Program (SSP) System Safety Review Panel (SSRP) Charter.

NSTS 1700.7B, Safety Policy and Requirements for Payloads Using the Space Transportation System and Addendum.

JSC Policy Charter, JPC 1152.4K, Space Shuttle Payload Safety Review Panel (PSRP).

ANSI/ASQC Q90001-1994.

Presidential Directive/National Security Council Memorandum Number 25 (PD/NSC-25), Scientific or Technological Experiments with Possible Large-scale Adverse Environmental Effects and Launch of Nuclear Systems into Space.

P.5 CANCELLATION

This document cancels NPR 1700.1(V1-B), dated June 1993.

/s/Frederick D. Gregory
Associate Administrator for
Safety and Mission Assurance

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